

**A Requirement Model of Online Application Reminder
To Renew Visa for International Students**

Abdunasser Ehmid Mehrez Saad

Universiti Utara Malaysia

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**A Requirement Model of Online Application Reminder to
Renew Visa for International Students**

**Thesis submitted to The Faculty of Information Technology in
Partial Fulfillment of the Requirements for the Degree Master
of Science (Information Technology),
Universiti Utara Malaysia**

By

Abdunasser Ehmid Mehrez Saad

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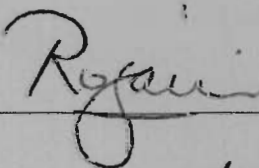
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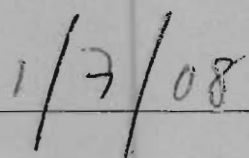
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ABSTRACT

Information accessibility has become easier and can be improved by using web-based application. The aim of this project is to identify a requirement model of web-based reminder system. This system is an assistant tool for international students to remind them especially when they forget renews their visa at the time. It applies knowledge base and web base application in order to add element such as user friendly, usefulness, pleasing and informative. This prototype has been developed using general methodology of design research, Object-oriented approach focusing on Unified Modeling Language notation. The development of this prototype starts with analysis phase and ended with testing and evaluation. This project discusses some findings, problem encountered and limitation of the project's development. Finally, brief recommendation given as contribution to the future development.

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To who wept for me and supported me in this life

To who gave me life by her love

To Gareha

My Allah bless us

TABLE OF CODES

| No | Code | Description |
|----|------|---|
| 1- | OIA | Office of International Affairs |
| 2- | ICT | Information and Communications Technology |
| 3- | IS | Information Systems |
| 4- | SQL | Structured Query Language |
| 5- | EEAS | Emergency Email Alert System |
| 6- | EAS | Email Alert System |
| 7- | VWP | Visa Waiver Program |
| 8- | CSUQ | Computer System Usability Questionnaire |

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CHAPTER 1

INTRODUCTION

This project is to fulfill upon the request of course Thesis/Project (TZ6996) as one of the graduation requirements for Master Science in Information Technology (MSc. IT) in University Utara Malaysia. The purpose of this project is a requirement model of online application reminder to renew visa for international students.

This chapter gives a background, and further discussion about the problem statement, research question, objectives, motivation of the research and research scope.

1.1 Background

Information accessibility has become easier and can be improved by using web-based application. Web-to-host access tools are software products that ease the process of connecting to several types of data: legacy data, computer software applications, e-mails, faxes, documents, etc.

John & Micheal (1999) introduced a research about the application that appeared on the internet network that can be referred as online application. However, online application must be distinguished from a standard WWW application by the type

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only

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